

## Refine Search

Your wildcard search against 10000 terms has yielded the results below.

***Your result set for the last L# is incomplete.***

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

### Search Results -

| Terms  | Documents |
|--|-----------|
| (manag\$ and database\$ and (privilege near5 access\$) and (hierarch\$ near5 structure\$) and (first or second) near5 (access\$ near3 control\$)).clm. | 0         |

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L10

Refine Search

Recall Text

Clear

Interrupt

### Search History

**DATE:** Wednesday, April 13, 2005   [Printable Copy](#)   [Create Case](#)

| <u>Set Name</u><br>side by side | <u>Query</u>   | <u>Hit Count</u> | <u>Set Name</u><br>result set |
|---------------------------------|--|------------------|-------------------------------|
|                                 | DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR   |                  |                               |
| <u>L10</u>                      | (manag\$ and database\$ and (privilege near5 access\$) and (hierarch\$ near5 structure\$) and (first or second) near5 (access\$ near3 control\$)).clm. | 0                | <u>L10</u>                    |
| <u>L9</u>                       | (manag\$ and database\$ and (privilege near5 access\$) and (hierarch\$ near5 structure\$) and (first or second) near5 (access\$ near3 control\$)).ab.  | 0                | <u>L9</u>                     |
| <u>L8</u>                       | (manag\$ and database\$ and (privilege near5 access\$) and (hierarch\$ near5 structure\$) and (first or second) near5 (access\$ near3 control\$)).ti.  | 0                | <u>L8</u>                     |
| <u>L7</u>                       | (manag\$ and database\$ and (privilege near5 access\$) and (hierarch\$ near5 structure\$) and (first or second) near5 (access\$ near3 control\$))      | 25               | <u>L7</u>                     |
| <u>L6</u>                       | L4 and l3  | 0                | <u>L6</u>                     |
| <u>L5</u>                       | L4 or l3   | 15               | <u>L5</u>                     |

|           |   |      |           |
|-----------|---|------|-----------|
| <u>L4</u> | ((transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$).clm. | 13   | <u>L4</u> |
| <u>L3</u> | ((transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$).ab.  | 2    | <u>L3</u> |
| <u>L2</u> | ((transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$).ti.  | 0    | <u>L2</u> |
| <u>L1</u> | (transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$        | 3162 | <u>L1</u> |

END OF SEARCH HISTORY

## Refine Search

### Search Results -

| Terms     | Documents |
|-----------|-----------|
| L4 and L3 | 0         |

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
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 IBM Technical Disclosure Bulletins

**Search:**

L6

Refine Search

Recall Text

Clear

Interrupt

### Search History

**DATE:** Wednesday, April 13, 2005    [Printable Copy](#)    [Create Case](#)

| <u>Set</u><br><u>Name</u><br>side by<br>side                  | <u>Query</u>  | <u>Hit</u><br><u>Count</u> | <u>Set</u><br><u>Name</u><br>result set |
|---|---|----------------------------|---|
| <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i> |   |                            |   |
| <u>L6</u>   | L4 and l3   | 0                          | <u>L6</u>                               |
| <u>L5</u>   | L4 or l3  | 15                         | <u>L5</u>                               |
| <u>L4</u>   | ((transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$).clm. | 13                         | <u>L4</u>                               |
| <u>L3</u>   | ((transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$).ab.  | 2                          | <u>L3</u>                               |
| <u>L2</u>   | ((transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$).ti.  | 0                          | <u>L2</u>                               |
| <u>L1</u>   | (transform\$ or convert\$) and xml and format\$ and (parent\$ or child\$) and relationship\$        | 3162                       | <u>L1</u>                               |

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 10 of 15 returned.

☐ 1. Document ID: US 20040264929 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 15

File: PGPB

Dec 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040264929

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040264929 A1

TITLE: Information storage medium storing information for generating DTV stream,  
and method and apparatus for converting DTV stream

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

| NAME             | CITY     | STATE | COUNTRY | RULE-47 |
|------------------|----------|-------|---------|---------|
| Lee, Jae-sun     | Osan-si  |       | KR      |         |
| Ko, Jung-wan     | Suwon-si |       | KR      |         |
| Park, Sung-wook  | Seoul    |       | KR      |         |
| Chung, Hyun-kwon | Seoul    |       | KR      |         |

US-CL-CURRENT: [386/95](#); [386/125](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 2. Document ID: US 20040236655 A1

L5: Entry 2 of 15

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040236655

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040236655 A1

TITLE: Method and system for object-oriented management of multi-dimensional data

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KIMC | Draw. De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

☐ 3. Document ID: US 20040172590 A1

L5: Entry 3 of 15

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040172590

h e b b g e e e f e ef b e

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040172590 A1

TITLE: Method and system for converting a schema-based hierarchical data structure into a flat data structure

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

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☐ 4. Document ID: US 20040107250 A1

L5: Entry 4 of 15

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040107250  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040107250 A1

TITLE: METHODS AND SYSTEMS FOR INTEGRATING COMMUNICATION RESOURCES USING THE INTERNET

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

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☐ 5. Document ID: US 20030212957 A1

L5: Entry 5 of 15

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030212957  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030212957 A1

TITLE: Content independent document navigation system and method

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

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☐ 6. Document ID: US 20030188264 A1

L5: Entry 6 of 15

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030188264  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030188264 A1

TITLE: Method and apparatus for XML data normalization

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

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☐ 7. Document ID: US 20030177139 A1

L5: Entry 7 of 15

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030177139

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030177139 A1

TITLE: Dynamically generated schema representing multiple hierarchies of inter-object relationships

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 8. Document ID: US 20030101169 A1

L5: Entry 8 of 15

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030101169  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030101169 A1

TITLE: Relational database system providing XML query support

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 9. Document ID: US 20030074419 A1

L5: Entry 9 of 15

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074419  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030074419 A1

TITLE: System and method for non-programmers to dynamically manage multiple sets of XML document data

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 10. Document ID: US 20020013792 A1

L5: Entry 10 of 15

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020013792  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020013792 A1

TITLE: Virtual tags and the process of virtual tagging

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

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Terms

Documents

|          |    |
|----------|----|
| L4 or L3 | 15 |
|----------|----|

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Search Results - Record(s) 11 through 15 of 15 returned.

☐ 11. Document ID: US 6799184 B2

Using default format because multiple data bases are involved.

L5: Entry 11 of 15

File: USPT

Sep 28, 2004

US-PAT-NO: 6799184

DOCUMENT-IDENTIFIER: US 6799184 B2

TITLE: Relational database system providing XML query support

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

| NAME                    | CITY       | STATE | ZIP CODE | COUNTRY |
|-------------------------|------------|-------|----------|---------|
| Bhatt; Vadiraja         | Alameda    | CA    |          |         |
| Sampath; Srikanth       | Danville   | CA    |          |         |
| Singh; Anupam           | Alameda    | CA    |          |         |
| Eachampadi; Raghavan T. | Pleasanton | CA    |          |         |

US-CL-CURRENT: 707/102; 707/3

|      |       |          |       |        |                |      |           |           |             |        |     |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 12. Document ID: US 6618727 B1

L5: Entry 12 of 15

File: USPT

Sep 9, 2003

US-PAT-NO: 6618727

DOCUMENT-IDENTIFIER: US 6618727 B1

TITLE: System and method for performing similarity searching

|      |       |          |       |        |                |      |           |           |             |        |     |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 13. Document ID: US 6581062 B1

L5: Entry 13 of 15

File: USPT

Jun 17, 2003

US-PAT-NO: 6581062

DOCUMENT-IDENTIFIER: US 6581062 B1

h e b b cg b cc e



TITLE: Method and apparatus for storing semi-structured data in a structured manner

|      |       |          |       |        |                |      |           |           |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 14. Document ID: US 6502101 B1

L5: Entry 14 of 15

File: USPT

Dec 31, 2002

US-PAT-NO: 6502101

DOCUMENT-IDENTIFIER: US 6502101 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Converting a hierarchical data structure into a flat data structure

|      |       |          |       |        |                |      |           |           |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

☐ 15. Document ID: EP 1452974 A2

L5: Entry 15 of 15

File: EPAB

Sep 1, 2004

PUB-NO: EP001452974A2

DOCUMENT-IDENTIFIER: EP 1452974 A2

TITLE: Method and system for converting a schema-based hierarchical data structure into a flat data structure

|      |       |          |       |        |                |      |           |           |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

Clear

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